A revision of the genus Belciana Walker, 1862 with description of three new species (Lepidoptera, Noctuidae: Pantheinae) from East and South East Asia. Revision of Pantheinae, contribution XII

G. BEHOUNEK¹, H.L. HAN² & V.S. KONONENKO³, 4
¹D-85567 Grafrath/Munich, Sudetenstrasse 6, Germany. E-mail: gottfried.behounek@t-online.de
²School of Forestry, Northeast Forestry University, Harbin, CH-150014 China. E-mail: hanhuilin@aliyun.com; hanhuilin@nefu.edu.cn
³Laboratory of Entomology, Institute of Biology and Soil Science Far Eastern Branch of Russian Academy of Sciences, RF-690022 Vladivostok, Russia. E-mail: vlad_kononenko@mail.ru; kononenko@biosoil.ru
⁴Corresponding author

Abstract

The Oriental Pantheinae genus Belciana Walker, 1862 is revised. Three new species, B. hreblayi sp. n., B. sulawesiana sp. n., B. pinratanai sp. n., from Taiwan, Indonesia and Thailand, are described. Five new combinations in the genus Diphteroides Bethune-Baker, 1906 are proposed: Diphteroides caerulea (Hampson, 1926) comb. n., D. habroscia (Prout, 1924) comb. n., D. patricolor (Prout, 1924) comb. n., D. serrata (Bethune-Baker, 1906), D. subserrata (Prout, 1924) comb. n. and D. sophronia (Prout, 1924) comb. n. The extensive diagnoses of known species of Belciana are given. The imagines, male and female genitalia are illustrated. The checklist of the genus Belciana in East Asia is presented.

Key words: Lepidoptera, Noctuidae, Pantheinae, Belciana, taxonomic revision, new species, Taiwan, China, Thailand, Vietnam, Indonesia.

Introduction

By this paper we continue the revision of the Eurasian taxa of the subfamily Pantheinae started four years ago (Behounek & Kononenko 2011a, 2011b; 2011c; 2012a, 2012b; 2012c, 2012d; 2012e; 2015). This article is devoted to a revision of the Oriental genus Belciana Walker, 1862. Traditionally we consider the genus Belciana in Pantheinae, while recent molecular research shows its affinity with the subfamily Dyopsinae (Zahiri et al., 2013).

Like some other Oriental Pantheinae genera, the genus Belciana was not treated either in Hampson′s catalogue (1903–1913), nor in the Oriental Noctuidae part of the Seitz's Atlas (Warren 1912–1938). Poole (1989) in the Noctuidae catalogue referred Belciana with Nalca Walker, 1886 and Diphteroides Bethune-Baker, 1906 to synonymy and listed 14 species of the genus. One species, B. sobieczkii Kobes, 1989 was later described from Sumatra.

Holloway (2009) revised Bornean Belcaina, restored and separated from Belciana the genus Diphteroides Bethune-Baker, 1906. In the same publication Holloway listed seven species of Belciana from Borneo. One of them, B. hemodi was resurrected by him from the synonymy of B. biformis, B. sobieczkii was synonymized with B. prasina Swinhoe (1903) and B. hemodoides Holloway, 2009 was described as a new species. Later, two species listed by Poole (1989) and partially by Holloway (2009) in Belciana (“B.” kala Prout, 1924 and “B.” staudingeri (Leech, 1900) were placed by Behounek & Kononenko (2012a) to the newly described genus Anabelcia Behounek & Kononenko, 2012 and two species (“B.” striatovirens Moore, 1883 sensu Holloway 2009, in fact undescribed species and "B.” viridipicta Hampson, 1902) from Holloway′s list (those two taxa referred by Poole (1989) in the genera Donda Moore, 1882 and Chlorognesia Warren, 1913) were placed to the newly described genus Viridistria Behounek & Kononenko, 2012 (Behounek & Kononenko 2012a; 2012b).